

RECEIVED
June 7, 1915
OFFICE OF STATE ENGINEER
SANTA FE, NEW MEXICO
APPLICATION NO. 967

"ORIGINAL" June 7, 1915.

**MAP
OF THE
CHAMA TOWN DITCH
ENLARGEMENT AND EXTENSION**
RIO ARRIBA COUNTY, NEW MEXICO
TRUE COURSES VARIATION 14° 30' EAST
SCALE OF MAP ONE INCH = 400 FEET
H.L. HALL AND WM. RICE APPLICANTS.

FIELD NOTES

STA.	COURSE	DIST.
0	S 17° 16' W	163.0
1	S 02° 26' E	170.0
2	S 07° 28' E	165.0
3	S 09° 50' W	125.0
4	S 10° 54' W	43.0
5	S 32° 05' W	85.0
6	S 43° 26' W	80.0
7	S 43° 02' W	90.0
8	S 39° 00' W	85.0
9	S 41° 46' W	145.0
10	S 38° 25' W	285.0
11	S 51° 09' W	53.0
12	S 57° 14' W	70.0
13	S 50° 26' W	75.0
14	S 41° 37' W	65.0
15	S 23° 03' W	160.0
16	S 27° 14' W	100.0
17	S 43° 29' W	90.0
18	S 56° 08' W	95.0
19	S 70° 22' W	70.0
20	S 76° 53' W	110.0
21	S 53° 28' W	80.0
22	S 43° 55' W	150.0
23	S 41° 28' W	185.0
24	S 34° 37' W	100.0
25	S 15° 38' W	90.0
26	S 05° 01' E	135.0
27	S 44° 11' W	45.0
28	S 24° 12' W	270.0
29	S 50° 01' W	450.0
30	S 50° 38' W	125.0
31	S 35° 44' W	55.0
32	S 24° 56' W	235.0
33	S 12° 46' W	80.0
34	S 05° 49' E	195.0
35	S 16° 04' W	150.0
36	S 10° 32' W	210.0
37	S 15° 13' W	260.0
38	S 19° 14' W	200.0
39	S 01° 43' W	140.0
40	S 03° 20' W	235.0
41	S 68° 15' W	445.0
42		

STATEMENT.

The undersigned H.L. Hall and Wm. Rice, Claimants, whose postoffice address is Chama, County of Rio Arriba, State of New Mexico, have caused to be located The Enlargement and Extension of the Chama Town Ditch, as herein described, hereby make these several statements relative thereto, and offer this map and statement for filing in compliance with the laws of the State of New Mexico.

(a) The headgate is located at a point on the bank of the Chama River, from which it derives its supply of water, whence the N.W. Cor. of the Wm. Rice Tract of the Tierra Amarilla Grant bears S 49° 33' W 9778.5 feet distant.

(b) The land to be irrigated consists of 260 acres located as follows:

Within the Wm. Rice Tract and in Sec. 7, T. 1. S. R. 3. E. of the Martin-Borders Subdivision of the Tierra Amarilla Grant, being the same land as (c) covered by the Wm. Rice and Chamita Valley Ditches.

Before Enlargement

The depth of said ditch is 1.0 feet.

" width " " " 4.0 " on top
" " " " " 2.0 " " bottom
" grade " " " 1.0 " per 1000 ft.
" slopes " " " are one to one.

After Enlargement

The depth of said ditch is 1.3 feet.

" width " " " 5.1 " on top
" " " " " 2.5 " " bottom
" grade " " " 1.0 " per 1000 ft.
" slopes " " " are one to one.

(d) The maximum carrying capacity of said ditch or conduit before enlargement is 3.5 cubic feet per second of time, after enlargement the increased carrying capacity is 3.5 cubic feet per second of time, for which claim is hereby made for irrigation purposes.

(e) The estimated cost is \$300.00.

(f) Work was commenced by survey on the 20th day of September A.D. 1914.

State of New Mexico, } ss.
County of Rio Arriba.

We, H.L. Hall and Wm. Rice, being first duly sworn upon our oaths state that we have read and examined the foregoing map and the statements thereon, and know the contents thereof and representations thereon, and that the same are true to the best of our knowledge and belief.

H.L. Hall
Wm. Rice
Claimants.

Subscribed and sworn to before me this 31st day of June A.D. 1915.

Notary Public.

My commission expires December 14, 1916.

State of New Mexico, } ss.
County of Rio Arriba.

I, W.H. Wigglesworth, upon my oath state that I am the engineer of the Chama Town Ditch Enlargement and Extension. That the maps thereof were made under my direction from field notes taken from actual bona fide surveys made by me in the field, and that the same are true to the best of my knowledge and belief.

W.H. Wigglesworth
Engineer.

Subscribed and sworn to before me this 31st day of May A.D. 1915.

Notary Public.

My commission expires December 14, 1916.

State Engineer's Office,
Santa Fe, New Mexico.

State of New Mexico, } ss.
County of Santa Fe.

I hereby certify that this map and statement has been examined by me, and was accepted for filing on the 23rd day of April A.D. 1916.

J. J. Arnerich
State Engineer.

APPLICATION No. 967

RECEIVED

June 7, 1915

OFFICE OF STATE ENGINEER
SANTA FE, NEW MEXICO